

**DESCRIPTION:**

Mercury Free Alkaline Manganese Battery,
D Size / Non-Rechargeable

CHEMICAL SYSTEM:

Alkaline Manganese

SHELF LIFE:

7 years

NOMINAL VOLTAGE:

1,5 Volts

NOMINAL DIMENSIONS:

Ø 34,2 mm x 61,5 mm

TERMINALS:

Protruded positive(+) and flat negative (-) contacts

JACKET:

Foil jacket

APPLICATIONS:

All electronic devices, e.g. toys, transistor radios,
cassette recorders, alarm clocks, portable fans,
portable hand-tools.

STORAGE TEMPERATURE:

+10 °C to + 25 °C

Should be stored in dry and cool place.

NOMINAL WEIGHT:

145 g

CROSS REFERENCES:

TESLA	JIS	IEC	ENERGIZER	DURACELL	VARTA
LR20	LR20	LR20	E95	MN1300	4020

DISCHARGE / APPLICATION TESTS AND LEAKAGE AND DEFORMATION CHECK:

Application:	Portable lighting	Portable stereo	Toy
Load:	2.2 Ω	600 mA	2.2 Ω
Daily period:	4 min / 15 min, 8 h / d	2 h / d	1 h / d
EV: (V)	0.9 V	0.9V	0.8 V
MAD:	750 min	11 h	16 h

Test result:

Sample no.			
1	1340.8 min	16.7 h	24.5 h
2	1352.7 min	16.9 h	24.5 h
3	1348.8 min	16.9 h	24.4 h
4	1368.9 min	16.8 h	24.6 h
5	1344.9 min	16.8 h	24.5 h
6	1344.8 min	16.8 h	24.5 h
7	1360.5 min	16.8 h	24.4 h
8	1340.8 min	16.8 h	24.5 h
Average	1350.3 min	16.8 h	24.5 h
Verdict	Pass	Pass	Pass
Leakage check	No leakage	No leakage	No leakage
Deformation check	No deformation	No deformation	No deformation